

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/004442

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F23R3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F23R F28F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 373 319 A (ROLLS ROYCE PLC) 18 September 2002 (2002-09-18) page 10, line 8 - line 26 figures 2,5,6,8 ----	1-4,6,7, 9
X	US 3 844 116 A (MATTO L) 29 October 1974 (1974-10-29) column 4, line 4 - line 63; figure 3 ----	1,3,5,8, 9
A	EP 0 597 137 A (ASEA BROWN BOVERI) 18 May 1994 (1994-05-18) column 5, line 47 -column 7, line 41; figures 2,3 ----	1,3,4,9
A	EP 1 312 865 A (SIEMENS AG) 21 May 2003 (2003-05-21) paragraph '0028!; figure 2 ----	1,9
-/--		

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

16 July 2004

Date of mailing of the international search report

27/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Coquau, S

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004442

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/108375 A1 (JOHNSON ROBERT ALAN ET AL) 15 August 2002 (2002-08-15) figure 1	1,9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/004442

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2373319	A	18-09-2002	US 2002124572 A1	12-09-2002
			US 2004045298 A1	11-03-2004
			US 2004083739 A1	06-05-2004
US 3844116	A	29-10-1974	NONE	
EP 0597137	A	18-05-1994	EP 0597137 A1	18-05-1994
			DE 59208713 D1	21-08-1997
			JP 3526895 B2	17-05-2004
			JP 6213458 A	02-08-1994
EP 1312865	A	21-05-2003	EP 1312865 A1	21-05-2003
			WO 03042597 A1	22-05-2003
US 2002108375	A1	15-08-2002	US 2002152755 A1	24-10-2002